ABSTRACT OF THE DISCLOSURE

[0070]   Systems and methods for managing deployed trunk circuit capacity in a telecommunications network are disclosed. The usage of groups of trunk circuits in the network can be monitored to collect network traffic data. Analysis of the traffic data provides for computation of performance metrics and calculation of time-moving averages. The analyzed data is input into forecasting models to plan network capacity deployments to meet the expected demand. Network equipment and facilities are provisioned to meet the forecasted plan. Connection routing is adjusted to utilize the provisioned equipment and facilities.